

S/N 09/217,873

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark Rapaich

Examiner: Paulos Natnael

Serial No.: 09/217,873

Group Art Unit: 2614

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Docket: 450.221US1

Title: DIGITAL YUV VIDEO EQUALIZATION AND GAMMA CORRECTION

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

BOX NON-FEE AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

**RECEIVED**

DEC 27 2002

Technology Center 2600

Applicant has reviewed the Office Action mailed on October 23, 2002. Please amend the above-identified patent application as follows.

IN THE CLAIMS

Pending claims 1, 6, and 11 are amended consistent with discussion in an Examiner Interview conducted on October 11, 2002. Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set.

1. (Amended) A personal computer system comprising:
  - a video source capable of providing a digital YUV video signal;
  - a video output capable of connecting to a video display device;
  - a digital processor computationally employing a corrective algorithm via computational calculation that applies gamma correction to the digital YUV signal provided by the video source and provides a corrected signal to the video output.
2. The personal computer of claim 1 wherein the digital processor further employs a corrective algorithm that corrects at least one of color saturation correction, tint correction, brightness correction and contrast correction.
3. The personal computer system of claim 1, further comprising a software module for user configuration of the digital processor that corrects the digital YUV signal.